



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 1771
Examiner Elizabeth M. Cole
Serial No. 09 831,926
Filed May 15, 2001
Inventors Mikio Inoue
Takeji Nakae
Title POROUS CONDUCTIVE
SHEET AND METHOD FOR
PRODUCING THE SAME
Docket: 1182-01
Confirmation No.: 2193



35811

PATENT TRADEMARK OFFICE

Docket: 1182-01

Confirmation No.: 2193

Dated: February 27, 2003

AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Official Action dated September 26, 2002, Applicants amend as follows:

Marked-Up Version Showing Changes Made to the Specification

On page 3, please replace the second paragraph with the following:

It is demanded to develop a current collector that is not only good in the function of collecting the electric current and in the function of allowing the materials participating in the electrode reaction to be diffused and permeate, but also unlikely to be damaged in the current collector production process and in the process ~~till~~ until the current collector is installed in the cell, i.e., good in handling convenience, and also low in electric resistance. It is also desired that such a current collector can be produced at a low cost.

On page 5, please replace the first paragraph with the following:

Expanded graphite particles per se can be highly deformed. This nature can be expressed by a word, flexibility. This flexibility can be observed as the form adaptability of the expanded graphite particles to another body that exists ~~adjacently~~ adjacent to the expanded graphite particles.

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MAR 1 3 2003
GROUP 1
U.S. PATENT & TRADEMARK OFFICE



Attorney Docket No.: 1182-01

In re Application of Mikio Inoue et al

Serial No.: 09/831,926

Filed: May 15, 2001

For: POROUS CONDUCTIVE SHEET AND METHOD FOR PRODUCING THE SAME

COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- Small entity status of this application under 37 CFR §1.9 and §1.27 has been established by a verified statement previously submitted.
- A verified statement to establish small entity status under 37 CFR §1.9 and §1.27 is enclosed.
- No additional fee is required.

The fee has been calculated as shown below:

(Col. 1)

(Col. 2) (Col. 3)

SMALL ENTITY

OTHER THAN
SMALL ENTITY

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PRE- VIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	*18	-	** 42 =	0
INDEP.	* 2	-	*** 2 =	0

First presentation of multiple dependent claim

RATE	ADD'L FEE
x 9=	\$
x42=	\$
140	\$

OR

RATE	ADD'L FEE
x18=	\$
x84=	\$
280	\$

TOTAL ADDITIONAL FEE \$0 OR \$0 _____

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge my Deposit Account No. 50-1442 in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$_____. is attached.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.
 - Any filing fees under 37 CFR §1.16 for the presentation of extra claims.
 - Any patent application processing fees under 37 CFR §1.17 with the exception of the Issue Fee which we intend to pay by check.



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